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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁵ : A61K 39/00, 39/395, 48/00 C07K 3/12, 15/06, 15/28 C12N 15/12, C12P 19/34 C12Q 1/68, G01N 33/53, 37/00	A1	(11) International Publication Number: WO 94/09820 (43) International Publication Date: 11 May 1994 (11.05.94)
(21) International Application Number: PCT/US93/10624 (22) International Filing Date: 5 November 1993 (05.11.93) (30) Priority data: 07/973,337 5 November 1992 (05.11.92) US (60) Parent Application or Grant (63) Related by Continuation US 07/973,337 (CIP) (71) Applicant (for all designated States except US): SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH [US/US]; 1275 York Avenue, New York, NY 10021 (US).		(72) Inventors; and (75) Inventors/Applicants (for US only) : ISRAELI, Ron, S. [US/US]; 950 49th Street, Apartment 6K, Brooklyn, NY 11219 (US). HESTON, Warren, D., W. [US/US]; 400 East 85th Street, Apartment 18B, New York, NY 10028 (US). FAIR, William, R. [US/US]; 400 East 70th Street, Apartment 3501, New York, NY 10021 (US). (74) Agent: COBERT, Robert, J.; Cooper & Dunham, 30 Rockefeller Plaza, New York, NY 10112 (US). (81) Designated States: CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: PROSTATE-SPECIFIC MEMBRANE ANTIGEN <div style="text-align: right; font-size: 1.5em; margin-right: 100px;">08/ 403,803</div> (57) Abstract <p>This invention provides for an isolated mammalian nucleic acid molecule encoding a mammalian prostate-specific membrane antigen. This invention provides for nucleic acid probes which specifically hybridize with the nucleic acid molecule encoding said antigen. This invention provides for a method of detecting hematogenous micrometastatic tumor cells of a subject performing the polymerase chain reaction (PCR) on samples of the subject using primers of said antigen. This invention provides for methods to identify ligands which bind to said antigen. This invention provides for the prevention and/or treatment of prostate tumor growth.</p>		